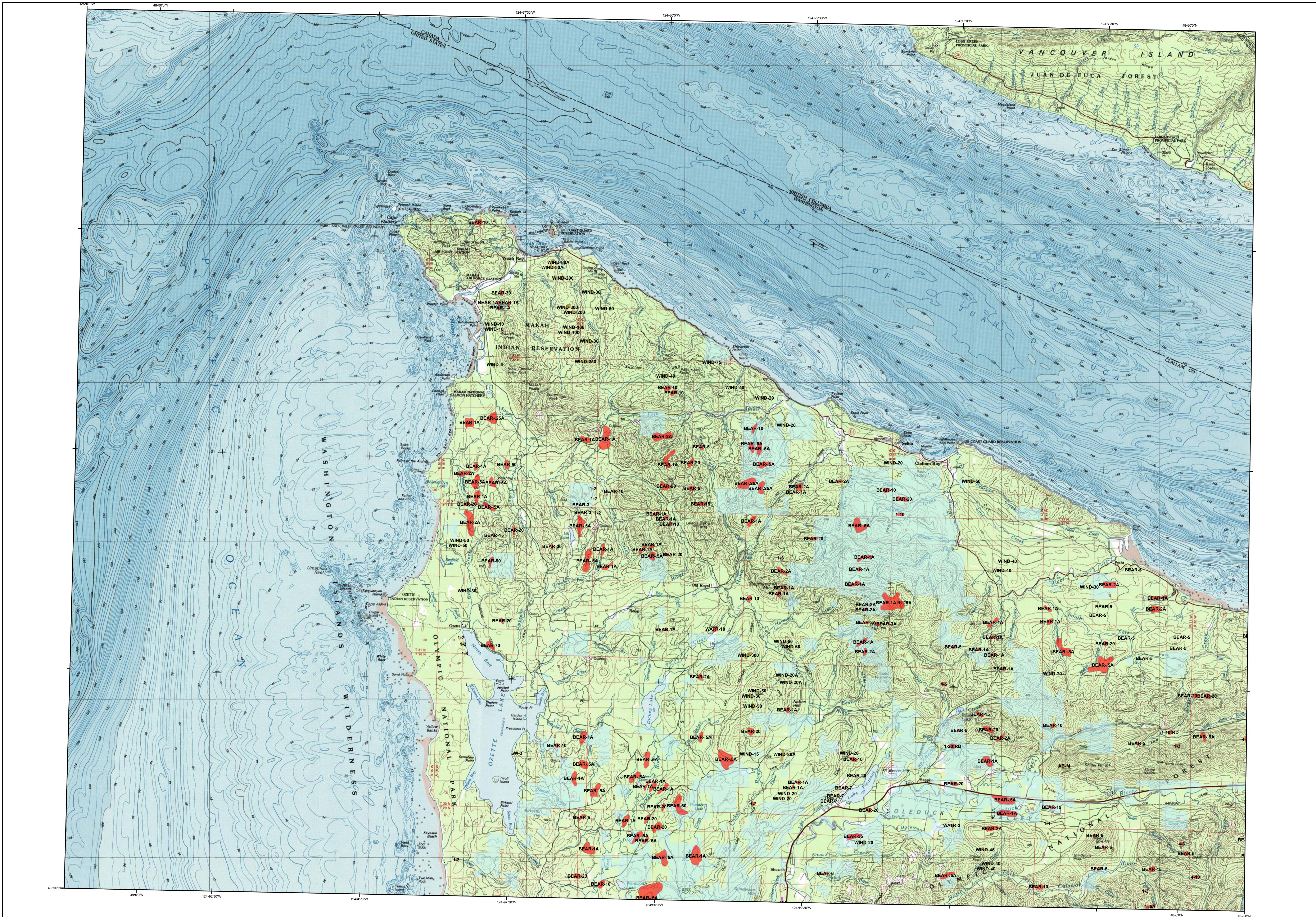


2007 Aerial Insect and Disease Survey

USGS 100K Quad: Cape Flattery - A148124; 1B



Defoliators	
Code	Damaging Agent
AS	Spruce aphid
BS	Western blackheaded budworm
BM	Modoc budworm
BP	Sugar pine tortrix
BS	Western spruce budworm
BY	Byrrh's bright/Lophodermella
CH	Larch
HL	Western hemlock looper
LG	Green striped forest looper
LL	Larch looper
LS	Black pine needle scale
MD	Douglas-fir budmoth
ML	Larch budmoth
ND	Douglas-fir needle midge
NS	Spruce budmoth
NJ	Needle miner
NK	Needle miner
NL	Needle miner
NM	Needle miner
NP	Needle miner
NH	Needle miner
NT	Needle miner
NW	Needle miner
CL	Western oak looper
PE	Pine butterfly
PC	Pine needle cast
PH	Phantom hemlock looper
PM	Pandora moth
PN	Pine needle scale
PS	Pine needle scale
RC	Needle cast
S	Sooty scale
SA	Sawfly
SD	Sawfly
SE	Sawfly
SH	Sawfly
SK	Sawfly
SL	Sawfly
SM	Swiss needle cast
SP	Sawfly
SW	Sawfly
TA	Tent caterpillar, alder
TC	Tent caterpillar, other
TS	Douglas-fir tussock moth
TS	Tent caterpillar, aspen

Mortality Agents	
Code	Damaging Agent
1	Douglas-fir beetle
2	Douglas-fir engraver
3	Spruce beetle
4	Fir engraver
5	Western balsam bark beetle
6B	Mountain pine beetle
6C	Mountain pine beetle
6L	Mountain pine beetle
6P	Mountain pine beetle
6S	Mountain pine beetle
6W	Mountain pine beetle
7	lps spp.
8	Western pine beetle
8B	Ponderosa, lodgepole pines
8C	Pole-sized ponderosa pine
8D	Western white pine
8E	Western white pine
8F	Western white pine
8G	Western white pine
8H	Western white pine
8I	Western white pine
8J	Western white pine
8K	Western white pine
8L	Western white pine
8M	Western white pine
8N	Western white pine
8O	Western white pine
8P	Western white pine
8Q	Western white pine
8R	Western white pine
8S	Western white pine
8T	Western white pine
8U	Western white pine
8V	Western white pine
8W	Western white pine
8X	Western white pine
8Y	Western white pine
8Z	Western white pine
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100	Western white pine

Other Damaging Agents	
Code	Damaging Agent
AB	Balsam woolly adelgid
AC	Colex spruce gall adelgid
AD	Leaf discoloration
AE	Blister rust
AF	Cystospora canker
AG	Dying hemlock
AH	FIRE
AI	Gauy pitch midge
AJ	Hail
AK	Hardwood decline
AL	Aspen rot from
AM	OUT
AN	No damage detected
AO	Pacific maritime decline
AP	PR
AQ	Leaf fall in poplars
AR	Red belt
AS	All Species
AT	SLD
AU	SLD
AV	SLD
AW	SLD
AX	SLD
AY	SLD
AZ	SLD
BA	SLD
BB	SLD
BC	SLD
BD	SLD
BE	SLD
BF	SLD
BG	SLD
BH	SLD
BI	SLD
BJ	SLD
BK	SLD
BL	SLD
BM	SLD
BN	SLD
BO	SLD
BP	SLD
BQ	SLD
BR	SLD
BS	SLD
BT	SLD
BU	SLD
BV	SLD
BW	SLD
BX	SLD
BY	SLD
BZ	SLD
CA	SLD
CB	SLD
CC	SLD
CD	SLD
CE	SLD
CF	SLD
CG	SLD
CH	SLD
CI	SLD
CJ	SLD
CK	SLD
CL	SLD
CM	SLD
CN	SLD
CO	SLD
CP	SLD
CQ	SLD
CR	SLD
CS	SLD
CT	SLD
CU	SLD
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CW	SLD
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Mortality Agents	
Code	Damaging Agent
1	Douglas-fir beetle
2	Douglas-fir engraver fir